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(54) **Seismic data processing workflow decision tree**

(57) Implementations of various technologies for a method for modifying a seismic data processing workflow. In one implementation, the method may include displaying the seismic data processing workflow in a hierarchical structure. The hierarchical structure may have one or more branches and one or more nodes. Each branch may represent a parameter value. Each node may represent a data output of a seismic data process performed with the parameter value. A selection of a node may be received. A graphical representation of the data output for the selected node may be displayed.

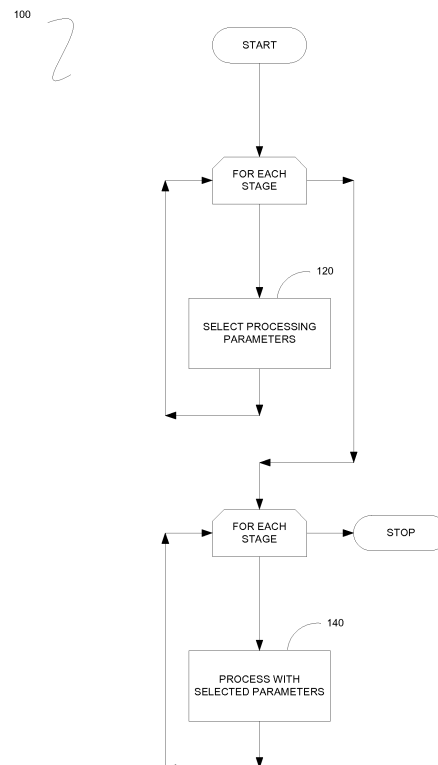


FIG. 1

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EUROPEAN SEARCH REPORT

Application Number
EP 08 16 6490

DOCUMENTS CONSIDERED TO BE RELEVANT			
Category	Citation of document with indication, where appropriate, of relevant passages	Relevant to claim	CLASSIFICATION OF THE APPLICATION (IPC)
X	WO 99/52048 A1 (SCHLUMBERGER EVALUATION & PROD [GB]) 14 October 1999 (1999-10-14) * abstract; figures 4,14,16,18,21,23-26 * * page 4, lines 9-31 * * page 5, lines 10-27 * * page 6, lines 8-15 * * page 7, line 21 - page 9, line 2 * * page 21, line 14 - page 23, line 2 * * page 27, line 14 - page 28, line 10 * -----	1-15	INV. G01V1/28
A	US 2002/055953 A1 (TESCH FALKO [DE] ET AL) 9 May 2002 (2002-05-09) * abstract; figures 3,5 * * paragraphs [0007], [0011], [0015] - [0017], [0040] * -----	1-15	
A	US 6 016 462 A (SCHNEIDER JR WILLIAM A [US] ET AL) 18 January 2000 (2000-01-18) * abstract; figures 1,7 * * column 3, lines 3-45 * * column 4, line 45 - column 5, line 29 * -----	1-15	TECHNICAL FIELDS SEARCHED (IPC)
A	US 5 361 379 A (WHITE STANLEY A [US]) 1 November 1994 (1994-11-01) * abstract; figures 1,2 * * column 2, lines 3-61 * * column 4, line 59 - column 5, line 66 * -----	1-15	G01V G06F
The present search report has been drawn up for all claims			
Place of search The Hague		Date of completion of the search 27 December 2011	Examiner de Jong, Frank
CATEGORY OF CITED DOCUMENTS X : particularly relevant if taken alone Y : particularly relevant if combined with another document of the same category A : technological background O : non-written disclosure P : intermediate document T : theory or principle underlying the invention E : earlier patent document, but published on, or after the filing date D : document cited in the application L : document cited for other reasons & : member of the same patent family, corresponding document			

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EPO FORM 1503 03/02 (P04C01)

**ANNEX TO THE EUROPEAN SEARCH REPORT
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The members are as contained in the European Patent Office EDP file on
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